

FORM PTO-1390  
(REV 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
72.054

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known see 37 CFR 1.5)  
**10/019889**

INTERNATIONAL APPLICATION NO.  
PCT/EP00/05263

INTERNATIONAL FILING DATE  
7 June 2000

PRIORITY DATE CLAIMED  
29 June 1999

TITLE OF INVENTION *Type Plate Comprising a Storage Device*

APPLICANT(S) FOR DO/EO/US Wacker-Werke GmbH & Co. KG,

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.51)

10/019889

INTERNATIONAL APPLICATION NO.

PCT/EP00/05263

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21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$1040.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445 (a)(2)) paid to USPTO ..... \$740.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 890.00

Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	7 - 20 =	0	X \$18.00	\$ 0.00
Independent claims	1 - 3 =	0	X \$84.00	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ 0.00

**TOTAL OF ABOVE CALCULATIONS =**

\$ 890.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are  
reduced by 1/2.

\$ 0.00

**SUBTOTAL =**

\$ 890.00

Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.49(f)).

\$ 0.00

**TOTAL NATIONAL FEE =**

\$ 890.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +

\$ 40.00

**TOTAL FEES ENCLOSED =**

\$ 930.00

Amount to be:  
refunded

\$

charged

\$

- a. ☒ A check in the amount of \$ 930.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 50-1170 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 50-1170. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO

SIGNATURE:

Timothy E. Newholm  
NAME

34400  
REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

National Phase of PCT/EP00/05263

International Filing Date: 7 June 2000

Inventors: Peter JORDAN (deceased), Frank MEYER-HESSING, Michael STEFFEN,  
Jean BORUN, and Jürgen RÖMING

Title: *Machine Having a Type Plate Comprising a Storage Device*

Priority: German Application No. 199 29 766.5; filed 29 June 1999 (29.06.99)

PRELIMINARY AMENDMENT

DO/EO/US  
Director of the U.S. Patent  
and Trademark Office  
Washington, D.C. 20231

Sir:

This Preliminary Amendment is directed to a new U.S. application as identified above. Please enter this Preliminary Amendment prior to calculating the fees.

Please substitute the attached pages 1, 2, 3, 3a, 5, and 6 for pages 1, 2, 3, 5, and 6 of the specification as originally filed. Please substitute the attached pages 7 and 8 bearing claims 1-7 for original page 7-8 bearing claims 1-8 as originally filed. The new pages incorporate revisions to the international PCT application which were modified under Article 34.

Please amend the application as amended as specified above, as follows:

IN THE SPECIFICATION (As Amended to Incorporate the Article 34 Amendments):

Substitute page 1, after the title, insert the heading --BACKGROUND OF THE INVENTION--; and the subheading --1. Field of the Invention--.

Substitute page 1, between lines 8 and 9, insert the subheading --2. Description of the Related Art--.

Substitute page 2, between lines 33 and 34, insert the heading --OBJECTS AND SUMMARY OF THE INVENTION--.

Page 4, between lines 14 and 15, insert the heading --BRIEF DESCRIPTION OF THE DRAWING--.

Page 4, between lines 23 and 24, insert the heading --DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

IN THE CLAIMS (As Amended to Incorporate the Article 34 Amendments):

Before claim 1, between lines 2 and 3, insert --We claim:--

*Please substitute amended claims 1-7 with twice amended claims 1-7 as shown below in "clean sheet" format. A marked-up version of the amended claims is attached.*

1. (Twice Amended) A machine having a type plate as a carrier for written and/or graphical information, which at the same time is combined with an electronic storage device, wherein the storage device has a separate input for data transmission signals generated in the machine, and an output and, if appropriate, a second input for the non-contact or wire-free output and, if appropriate, input of data.
2. (Twice Amended) The machine as claimed in claim 1, wherein the storage device does not have its own power supply.
3. (Twice Amended) The machine as claimed in claim 2, wherein the storage device is suitable for receiving and operating power required to read into and out of the memory, as well as that required for storage, from devices which are provided separately from the type plate.
4. (Twice Amended) The machine as claimed in claim 3, wherein the storage device is suitable for receiving the operating power without mechanical coupling, in a non-contact or wire-free manner.

5. (Twice Amended) The machine as claimed in claim 3, wherein the storage device is suitable for receiving the operating power from the devices for reading data into and/or out of the storage device during their operation.
6. (Twice Amended) The machine as claimed in claim 1, wherein there is a connection between a separate input and a transmitter/receiver of the output and, if appropriate, the second input.
7. (Twice Amended) The machine as claimed in claim 2, wherein the type plate within the machine is assigned a transmitter for data and operating power in a physical position permitting the transmission of said power to the storage device.

ABSTRACT OF THE DISCLOSURE:

Please add page 9 as the Abstract of the Disclosure.

REMARKS

This application has been amended to insert headings in the specification, to eliminate multiple dependencies in the claims and to otherwise place the claims into better conformance with preferred USPTO practice without narrowing the claims, to incorporate Article 34 Amendments from the corresponding PCT application, and to add an Abstract. Entry of the amendments and early consideration and allowance are respectfully requested.

No fees are believed to be payable with the submission of this amendment. However, the Director is authorized to charge any fees associated with this or any other communication, or credit any overpayment, to Deposit Account No. 50-1170.

Respectfully submitted,



Timothy E. Newholm  
Registration No. 34,400

Dated: December 28, 2001

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Amended Claims

Patent claims

We claim:

1. (Twice Amended) A machine having a type plate ~~(10)~~ as a carrier for written and/or graphical information ~~(11, 13)~~, which at the same time is combined with an electronic storage device ~~(12)~~, ~~characterized in that~~ wherein the storage device ~~(12)~~ has a separate input (14) for data transmission signals generated in the machine, and an output and, if appropriate, a second input ~~(30)~~ for the non-contact or wire-free output and, if appropriate, input of data.
2. (Twice Amended) The machine as claimed in claim 1, ~~characterized in that~~ wherein the storage device ~~(12)~~ does not have its own power supply.
3. (Twice Amended) The machine as claimed in claim 2, ~~characterized in that~~ wherein the storage device ~~(12)~~ is suitable for receiving and operating power required to read into and out of the memory, as well as that required for storage, from devices ~~(20, 22)~~ which are provided separately from the type plate.
4. (Twice Amended) The machine as claimed in claim 3, ~~characterized in that~~ wherein the storage device ~~(12)~~ is suitable for receiving the operating power without mechanical coupling, in a non-contact or wire-free manner.
5. (Twice Amended) The machine as claimed in ~~either of claims 3 and 4~~, ~~characterized in that~~ wherein the storage device ~~(12)~~ is suitable for receiving the operating power from the devices ~~(20, 22)~~ for reading data into and/or out of the storage device during their operation.
6. (Twice Amended) The machine as claimed in ~~one of the claims 1 to 5~~, ~~characterized in that~~ wherein there is a connection ~~(32, 34)~~ between a separate input (14) and a transmitter/receiver ~~(28)~~ of the output and, if appropriate, the second input ~~(30)~~.

7. (Twice Amended) The machine as claimed in claim 2, ~~or one of the claims following~~  
~~it and based on claim 2, characterized in that~~ wherein the type plate (10) within the machine is  
assigned a transmitter for data and operating power in a physical position permitting the  
transmission of said power to the storage device (12).

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5 The invention, according to the preamble of claim 1, relates to a machine having a type plate as a carrier for written and/or graphical information, which at the same time is combined with an electronic storage device.

10 Machines are provided by the manufacturer with a permanently fixed type or rating plate, on which important information is noted, most often in addition to the designation of the manufacturer and, if appropriate, a type designation, amongst other information the date of manufacture, a machine number  
15 and relevant rating data, such as current consumption, output power or rotational speed. The data is most often applied to the type plate in an indestructible script, for example by embossing or engraving. A bar code for the non-contact registration of the data by  
20 means of laser scanners can also be provided.

It is also already known to provide machines with memories which, in the course of the use of the machine, store relevant operating or rating data, such  
25 as the running time, rotational speeds and loadings. These memories are connected mechanically to the power supply of the machine and, depending on the design configuration of the machine, are arranged at locations which respectively appear to be suitable.

30 The data contained in such memories supplements the information on the rating plates in an advantageous way, since the information on the rating plate describes the condition of the machine at the time of  
35 its fabrication, while the stored data is suitable for supplying information about the operation of the machines after its fabrication, such as the running time, rotational speeds and loading.



Starting from the idea that it is precisely this additional information which accumulates during the operating time of the machine which proves to be particularly useful when a relatively large pool of machines has to be looked after and maintained, including, for example, companies which lease or lend machines, it was perceived as disadvantageous that there is no standard rule as to where such memories have to be arranged on the machine and how the data is to be read in and out, so that in each case specific knowledge and, if appropriate, aids are required in order to gain access to the data.

EP-A-0 534 559 discloses a chip card having a storage device without its own power supply, which has a separate input for data transmission signals generated in an apparatus and an input/output for the non-contact output and input of data with devices, the storage device being suitable for receiving the operating power required to read into and out of the memory, as well as that required for storage, without mechanical coupling, in a non-contacting manner, from the devices during operation.

Furthermore, EP-A-0 754 406 discloses a transponder earmark for the electronic identification of animals, and FR-A-2 717 593 discloses a plate to be fitted to containers for both the visual and the electronic identification of containers, for example with regard to their content, their origin or their intended location.

The invention is based on the object of providing a relatively simple means to make it possible to configure machines which are provided with a device for the registration, storage and output of machine-based data in such a way that the operation of reading out

and, if appropriate, the operation of reading in is made significantly easier and can be carried out without specific, machine-based knowledge.

- 5 This object is achieved as specified in patent claim 1. According to this, the invention is characterized in that the storage device has a separate input for data transmission signals generated in the machine and an output and, if appropriate, a second input for the non-  
10 contact or wire-free output and, if appropriate, input of data.

Therefore, according to the invention, a type plate is connected functionally to a machine in such a way that  
15 data generated by the machine itself can be transmitted to the memory chip of the type plate during operation, from which it can be read out easily by using standardized means.

- 20 The flat, thin type plate of relatively small size can easily be fitted at a location suitable for it to be read, and is generally also located at such a place, for which reason it is no trouble to use the memory chip and at any time to obtain information, for example  
25 about the condition of the machine or its incorporation into an operational organizational structure, such as information about the operating time, the loading or the rotational speeds and/or compliance with maintenance intervals, or else the assignment of the  
30 machine to a specific operating area or site. This may be of particular importance to companies which lend or lease machines, it being possible for the reliability of the information to be ensured by means of suitable measures, known per se, for restricting access to the  
35 stored data.

The memory chip is preferably connected in such a way that it does not have its own power supply or energy

Depending on the request or requirement or depending on  
20 the equipment of the machine provided with the type  
plate, data can if necessary be input only from outside  
the machine by means of a suitable input appliance, or  
data can also be obtained within the machine by means  
of suitable signal transmitters and transmitted to the  
25 memory chip, for which purpose a transmitter for the  
power and data transmission can be arranged within the  
machine in a suitable physical associate with the type  
plate.

A further advantageous embodiment consists in the memory chip having a separate input for data transmission signals generated in the machine and a second output and, if appropriate, input for the non-  
5 contact or wire-free output and, if appropriate, input of data.

The subject of the invention is also a machine comprising a type plate according to the invention, in  
10 which the type plate within the machine is assigned a transmitter for data and operating power in a physical position permitting the transmission of said power to the storage device.

15 The invention will be explained in more detail using an exemplary embodiment thereof illustrated in the drawing.

The drawing shows in schematic form a type plate  
20 designed in accordance with the invention and its incorporation into a system or data input and output devices.

The type plate of the conventional type, often also  
25 referred to as a rating plate, is identified by 10 and has various areas 11 for the inscription, using the embossing or engraving process, for example, it also being possible for a bar code 13 to be applied. Integrated into this type plate is an electronic memory  
30 chip 12 which serves as a storage device, does not have its own power supply and is suitable for storing data. In order to input or output the data, devices or appliances are necessary which are suitable for supplying the necessary power to the memory chip 12  
35 when they are being used.

In the example shown, the machine which bears the rating plate, but is itself not shown, is provided with

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signal transmitters which are suitable for converting relevant operating data into signals which can be transmitted to a data input 14 of the memory chip 12. For this purpose, the signals, represented symbolically by 16, are transmitted to a receiver 18 which is connected to the data input 14 which at the same time serves to supply power to the memory chip 12 during the transmission of data out of the machine. If appropriate, the receiver 18 for non-contact data and power transmission can also be replaced by a permanent line connection, that is to say by fixed wiring.

In order to read out the data stored in the memory chip 12, but also to read in data which cannot be obtained within the machine and have to be supplied from outside, for example data about the place of use of the machine or an existing rental agreement, or in order to read in all the data to be stored if the machine is not provided with a signal generator or the like, compatible appliances can be used, for example in the form of a laptop 20 or an operating hours counter 20, each being provided with a transmitter/receiver 24 or 26, which is suitable for transmitting data and operating power in a non-contacting manner to a transmitter/receiver 28 connected to a second data input and output 30 on the memory clip.

The memory chip 12 can be connected in such a way that the arbitrary input of data via the transmitter/receiver 28 is possible only when a predefined condition is satisfied, for example as the result of the input of a security code, in order to prevent data manipulation by unauthorized persons. Equally, interrogation authorization can also be provided.

As the line connections 32 and 34 symbolize, there may also be a connection between the data input 14 and the transmitter/receiver 28.

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# Patent Claims

1. A machine having a type plate (10) as a carrier for written and/or graphical information (11, 13), which at the same time is combined with an electronic storage device (12), characterized in that the storage device (12) has a separate input (14) for data transmission signals generated in the machine, and an output and, if appropriate, a second input (30) for the non-contact or wire-free output and, if appropriate, input of data.

2. The machine as claimed in claim 1, characterized in that the storage device (12) does not have its own power supply.

3. The machine as claimed in claim 2, characterized in that the storage device (12) is suitable for receiving and operating power required to read into and out of the memory, as well as that required for storage, from devices (20, 22) which are provided separately from the type plate.

4. The machine as claimed in claim 3, characterized in that the storage device (12) is suitable for receiving the operating power without mechanical coupling, in a non-contact or wire-free manner.

5. The machine as claimed in either of claims 3 and 4, characterized in that the storage device (12) is suitable for receiving the operating power from the devices (20, 22) for reading data into and/or out of the storage device during their operation.

6. The machine as claimed in one of the claims 1 to 5, characterized in that there is a connection (32, 34) between a separate input (14) and a

transmitter/receiver (28) of the output and, if appropriate, the second input (30).

- 5 7. The machine as claimed in claim 2 or one of the claims following it and based on claim 2, characterized in that the type plate (10) within the machine is assigned a transmitter for data and operating power in a physical position permitting the transmission of said power to the storage device (12).

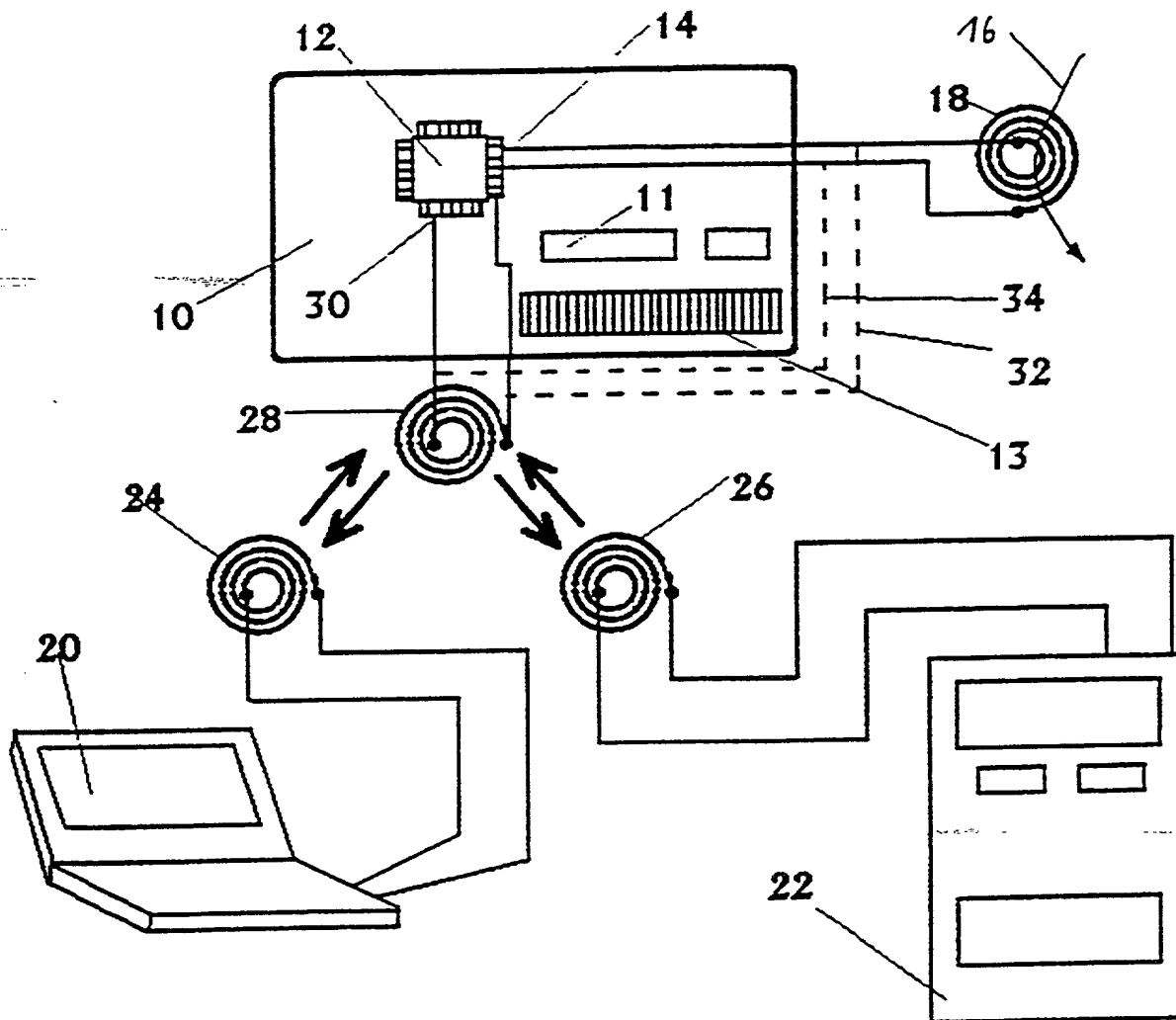
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## ABSTRACT

The invention relates to a type plate for machines which serves as a support for written and/or graphical information. The inventive type plate is provided with a storage device which is integrated therein and which is suited for inputting and outputting data.

1/1



10019889-122801

## SUPPLEMENTAL DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled ***Machine Having a Type Plate Comprising a Storage Device***, which is described and claimed in

- ☒ the attached specification
- ☐ the specification in application \_\_\_\_\_, filed on \_\_\_\_\_  
and amended on \_\_\_\_\_ (if applicable)
- ☐ international (PCT) application No. \_\_\_\_\_, filed on \_\_\_\_\_  
and as amended on N/A (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above

I acknowledge the duty to disclose information which is known to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)	Priority Claimed
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199 29 766.5      Germany      29 June 1999      ☒ Yes ☐ No  
(Number)      (Country)      (Day/Month/Year Filed)

PCT/EP00/05263  
(Number)

PCT  
(Country)

7 June 2000  
(Day/Month/Year Filed)

☒ Yes ☐ No

\_\_\_\_\_  
(Number)                      (Country)                      (Day/Month/Year Filed)                      ☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is known to be material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT International filing date of this application.

\_\_\_\_\_  
(Application Number)                      (Filing Date)                      (Status - Patented, Pending, Abandoned)

(Application Number)	(Filing Date)	(Status - Patented, Pending, Abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: James F. Boyle, Reg. No. 33,653; Timothy E. Newholm, Reg. No. 34,400; David D. Stein, Reg. No. 40,828; Michael J. Gratz, Reg. No. 39,693; Mary E. Eberle, Reg. No. 43,599; Peter C. Stomma, Reg. No. 36,020; Andrew S. McConnell, Reg. No. 32,272; and Mathew E. Corr, Reg. No. 45,434.

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Address all telephone calls to **Timothy E. Newholm** at telephone number (414) 225-9755, facsimile number (414) 225-9753  
Address all correspondence to: Timothy E. Newholm

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

Full name of sole or first inventor (given name, family name): Peter JORDAN (Deceased)

Inventor's signature: Not Applicable Date: \_\_\_\_\_

Residence: Pfaffenhofen, Germany Citizenship: German

Post Office Address: Marienstrasse 35

Pfaffenhofen, Germany D-85276

Title: *Machine Having a Type Plate Comprising a Storage Device*

Inventors: Peter JORDAN (Deceased), Frank MEYER-HESSING, Michael STEFFEN, Jean BORUN, and Jürgen RÖMING

Full name of deceased inventor Jordan's administrator (given name, family name) : Christina JORDAN

1-11 Administrator's signature: Christina Jordan Date: 6.12.2001

Residence: Pfaffenhofen, Germany DEX Citizenship: German

Post Office Address: Marienstrasse 35  
Pfaffenhofen, Germany D-85276

Full name of second inventor (given name, family name): Frank MEYER-HESSING

200 Inventor's signature: Frank Meyer-Hessing Date: 11.12.2001

Residence: Hannover, Germany DEX Citizenship: German

Post Office Address: Nordfeldstrasse 8  
Hannover, Germany D-30459

Full name of third inventor (given name, family name): Michael STEFFEN

300 Inventor's signature: Michael Steffen Date: 5.12.2001

Residence: Stockdorf, Germany DEX Citizenship: German

Post Office Address: Kreuzweg 32  
Stockdorf, Germany D-82131

Full name of fourth inventor (given name, family name): Jean BORUN

400 Inventor's signature: Jean Borun Date: 5.12.2001

Residence: Munchen, Germany DEX Citizenship: German

Post Office Address: Lerchenauer Strasse 124  
Munchen, Germany D-80809

500 Full name of fifth inventor (given name, family name): Jürgen RÖMING

Inventor's signature: Jürgen Röming Date: 5.12.2001

Residence: Oberschleissheim, Germany Citizenship: German

Post Office Address: Frank-Behrens-Strasse 7  
Oberschleissheim, Germany D-85764